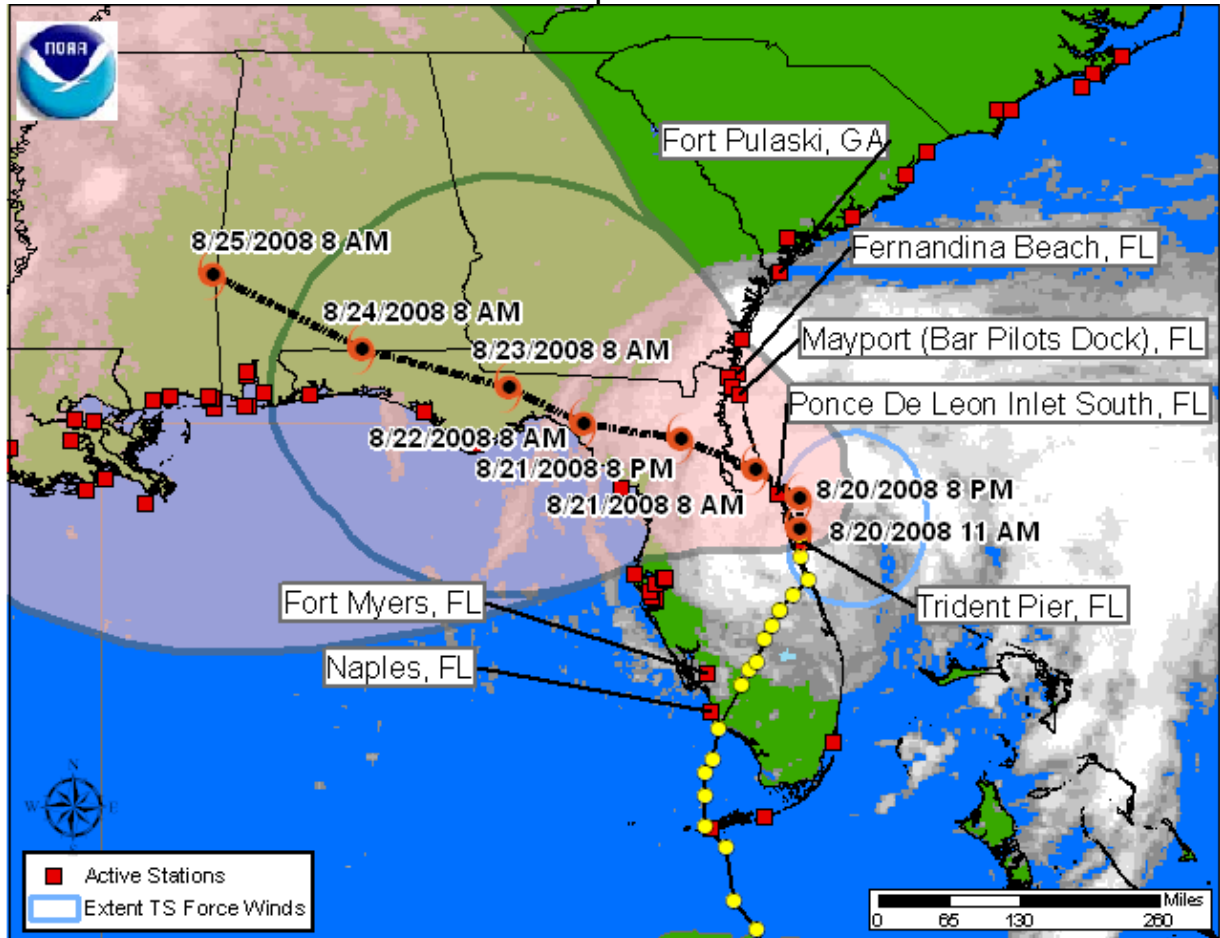




Tropical Storm FAY QuickLook
Posted: 12:00 EDT 08/20/2008

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 08/20/2008 12:00 EDT, Water levels along eastern Florida and at the North Florida-Georgia Coast are rising and are up to 0.5 - 1.75 feet above predicted. Water levels at Fort Myers and Naples remain elevated by around 0.5 feet. Water levels north of Fort Myers remain at or just below predicted. Barometric pressure continue to fall along the Florida east coast. Wind speeds have increased at Fort Pulaski with gusts up to 25kts. Wind speeds have decreased at Trident Pier with gusts up to 25kts.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Trident Pier, FL: Next predicted high tide is 3.80 ft (1.16 m) at 08/20/2008 23:08 EDT.

Ponce De Leon Inlet South, FL: Next predicted high tide is 3.10 ft (0.94 m) at 08/20/2008 23.48 EDT.

Mayport Bar Pilots, FL: Next predicted high tide is 4.80 ft (1.46 m) at 08/20/2008 23:56 EDT.

Fernandina Beach, FL: Next predicted high tide is 6.30 ft (1.92 m) at 08/21/2008 00:16 EDT.

Fort Pulaski, GA: Next predicted high tide is 7.20 ft (2.19 m) at 08/20/2008 23.25 EDT.

Fort Myers, FL: Next predicted high tide is 1.30 ft (0.40 m) at 08/20/2008 19:04 EDT.

Naples, FL: Next predicted high tide is 2.85 ft (0.87 m) at 08/20/2008 15:12 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services website](#). For more information or archived products and reports, please see the [Storm QuickLook Homepage](#).

Analyst: TB

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

**TROPICAL STORM FAY ADVISORY NUMBER 20
1100 AM EDT WED AUG 20 2008**

...FAY DRIFTING NORTHWARD DRENCHING PORTIONS OF FLORIDA

AT 1100 AM EDT THE TROPICAL STORM WARNING HAS BEEN DISCONTINUED SOUTH OF FORT PIERCE. A TROPICAL STORM WARNING IS NOW IN EFFECT FROM FORT PIERCE NORTHWARD TO ALTAMAHA SOUND GEORGIA.

AT 1100 AM EDT THE HURRICANE WATCH FROM NORTH OF LAGLER BEACH FLORIDA TO ALTAMAHA SOUND GEORGIA HAS BEEN DISCONTINUED.

A TROPICAL STORM WATCH REMAINS IN EFFECT FROM NORTH OF ALTAMAHA SOUND TO THE SAVANNAH RIVER.

AT 1100 AM EDT THE CENTER OF TROPICAL STORM FAY WAS LOCATED ABOUT 15 MILES NORTH OF CAPE CANAVERAL FLORIDA.

FAY IS MOVING TOWARD THE NORTH NEAR 3 MPH. FAY IS EXPECTED TO MOVE VERY NEAR THE EAST COAST OF NORTH FLORIDA TODAY WITH A GRADUAL TURN TOWARD THE NORTHWEST DURING THE NEXT 12 TO 24 HOURS.

MAXIMUM SUSTAINED WINDS ARE NEAR 50 MPH WITH HIGHER GUSTS. THESE WINDS ARE OCCURRING MOSTLY OVER WATER WELL TO THE EAST OF THE CENTER. NO SIGNIFICANT CHANGE IN STRENGTH IS FORECAST DURING THE NEXT 24 HOURS.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 115 MILES MAINLY TO THE EAST OF THE CENTER.

FAY IS EXPECTED TO PRODUCE RAINFALL ACCUMULATIONS OF 6 TO 12 INCHES OVER EAST-CENTRAL AND NORTHEASTERN FLORIDA WITH 3 TO 6 INCHES OVER SOUTHEASTERN GEORGIA. ISOLATED MAXIMUM AMOUNTS OF 20 INCHES ARE POSSIBLE IN FLORIDA. AN UNOFFICIAL REPORT OF NEAR 16 INCHES OF RAIN WAS MEASURED AT SATELLITE BEACH JUST TO THE NORTHEAST OF MELBOURNE FLORIDA.

STORM TIDES OF 1 TO 3 FEET ABOVE NORMAL ARE POSSIBLE ALONG THE EAST COAST OF FLORIDA TO THE NORTH OF THE CENTER OF FAY.

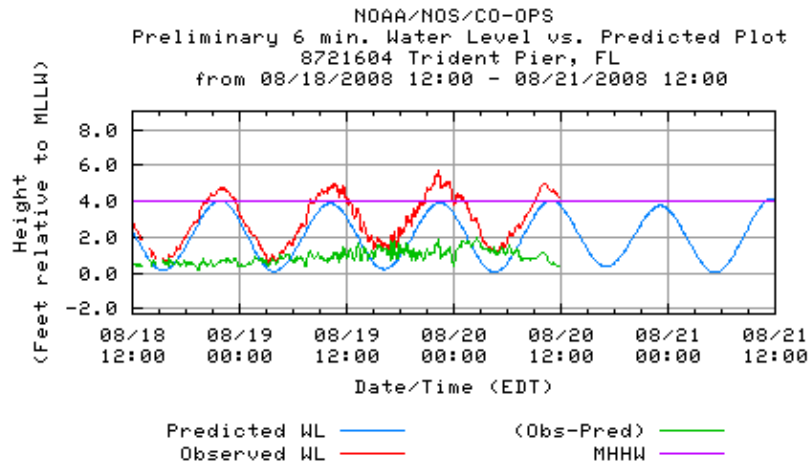
ISOLATED TORNADOES ARE POSSIBLE OVER PORTIONS OF NORTHEASTERN FLORIDA.

FORECASTER AVILA

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Trident Pier - Water Level](#), [Trident Pier - Air/Water Temp](#), [Trident Pier - Winds](#), [Trident Pier - Barometric](#), [Ponce De Leon Inlet South - Water Level](#), [Mayport \(Bar Pilots Dock\) - Water Level](#), [Fernandina Beach - Water Level](#), [Fernandina Beach - Air/Water Temp](#), [Fernandina Beach - Winds](#), [Fernandina Beach - Barometric](#), [Fort Pulaski - Water Level](#), [Fort Pulaski - Air/Water Temp](#), [Fort Pulaski - Winds](#), [Fort Pulaski - Barometric](#), [Fort Myers - Water Level](#), [Fort Myers - Air/Water Temp](#), [Fort Myers - Winds](#), [Fort Myers - Barometric](#), [Naples - Water Level](#), [Naples - Air/Water Temp](#), [Naples - Winds](#), [Naples - Barometric](#),

Trident Pier, FL - Station Map [Return to List](#)

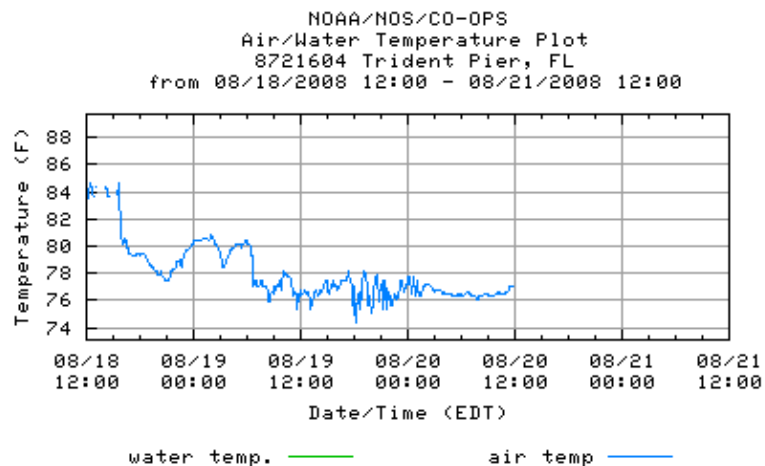


Last Observed Sample: 08/20/2008 11:48 (EDT)

Relative to **MLLW**: **Observed: 4.19 ft. Predicted: 3.84 ft. Residual: 0.35 ft.**

Historical Maximum Water Level: 09/16/2001, 2.28 ft. above **MHHW**

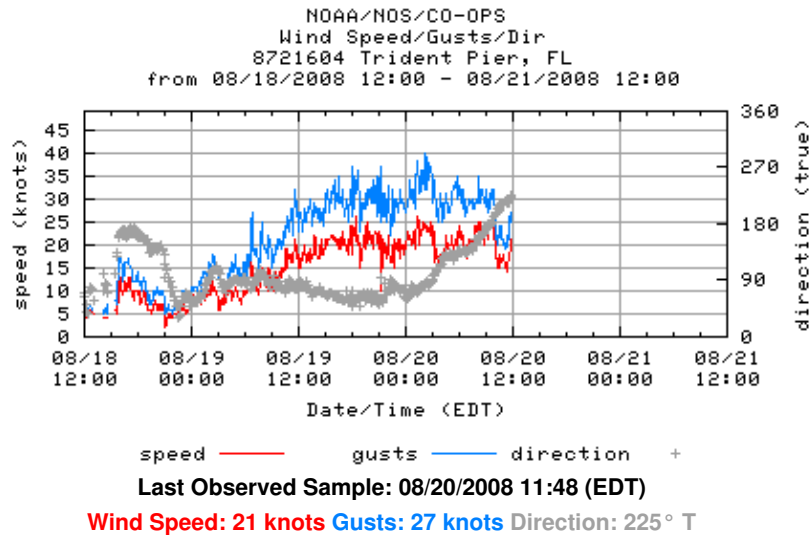
Trident Pier, FL - Station Map [Return to List](#)



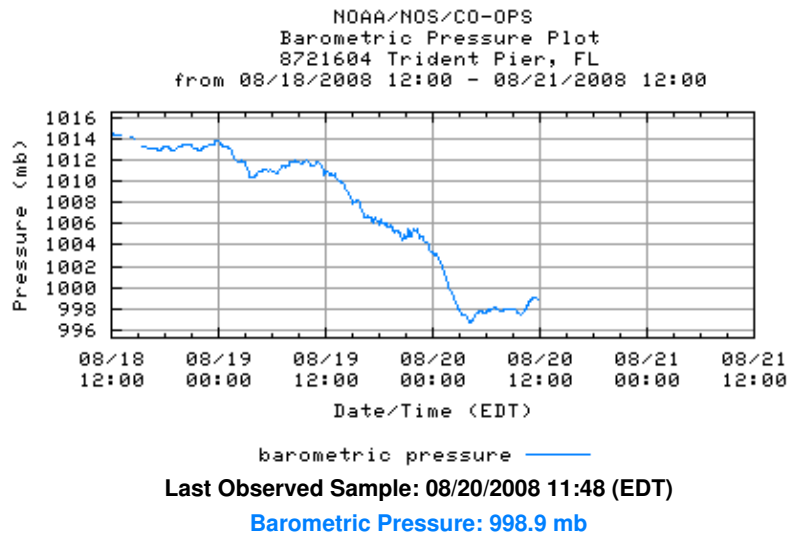
Last Observed Sample: 08/20/2008 11:48 (EDT)

Water Temperature: n/a Air Temperature: 77.0° F

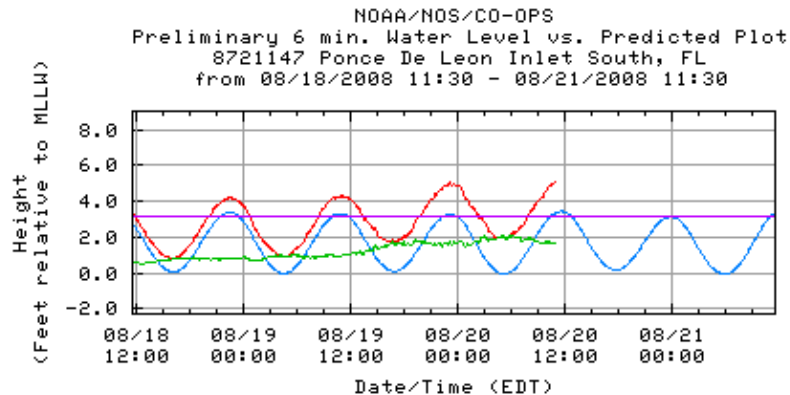
Trident Pier, FL - Station Map [Return to List](#)



Trident Pier, FL - Station Map [Return to List](#)



Ponce De Leon Inlet South, FL - Station Map [Return to List](#)

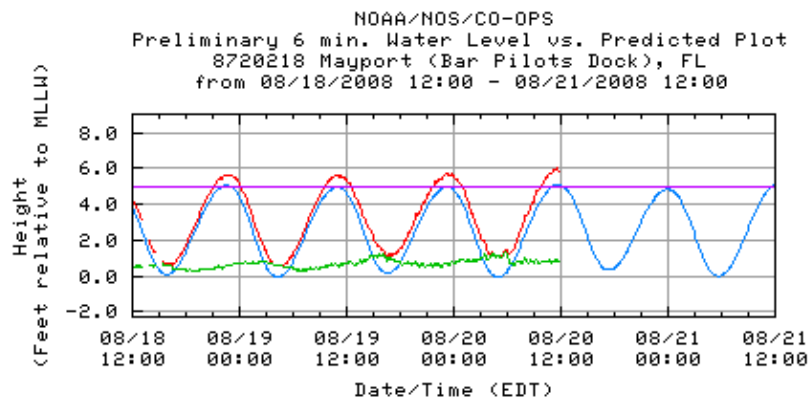


Last Observed Sample: 08/20/2008 10:54 (EDT)

Relative to **MLLW**: **Observed: 5.07 ft. Predicted: 3.35 ft. Residual: 1.72 ft.**

Historical Maximum Water Level: n/a

Mayport (Bar Pilots Dock), FL - Station Map [Return to List](#)

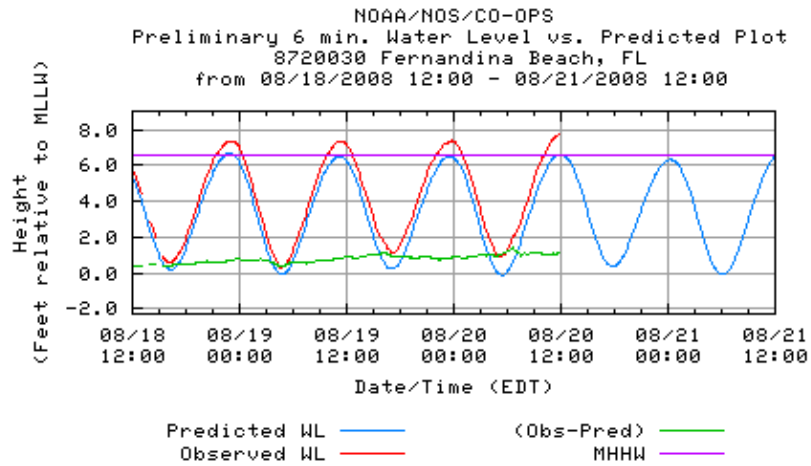


Last Observed Sample: 08/20/2008 11:42 (EDT)

Relative to **MLLW**: **Observed: 5.87 ft. Predicted: 5.10 ft. Residual: 0.77 ft.**

Historical Maximum Water Level: 09/17/2001, 2.15 ft. above **MHHW**

Fernandina Beach, FL - Station Map [Return to List](#)

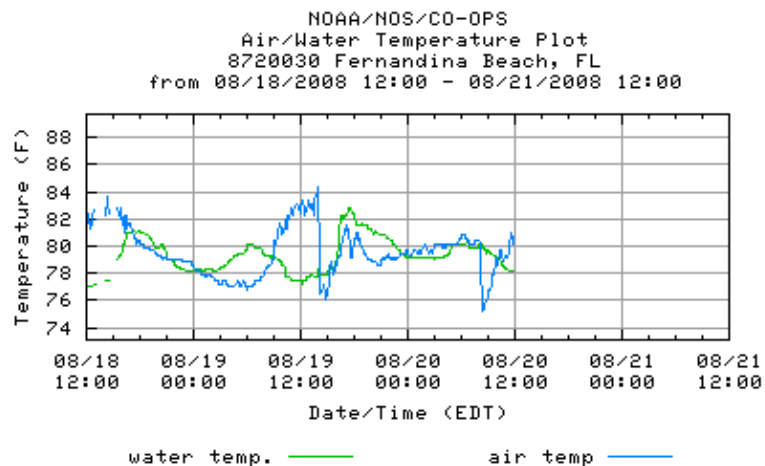


Last Observed Sample: 08/20/2008 11:48 (EDT)

Relative to **MLLW**: **Observed: 7.75 ft. Predicted: 6.61 ft. Residual: 1.14 ft.**

Historical Maximum Water Level: 10/02/1898, 6.94 ft. above **MHHW**

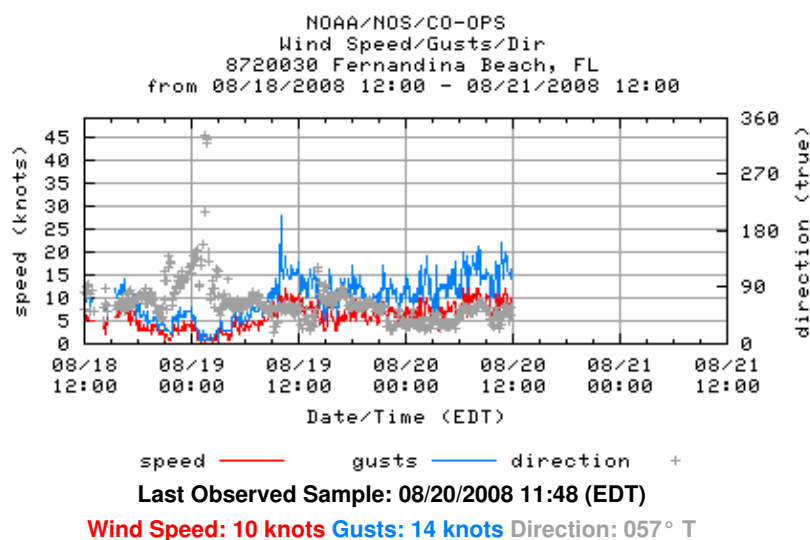
Fernandina Beach, FL - Station Map [Return to List](#)



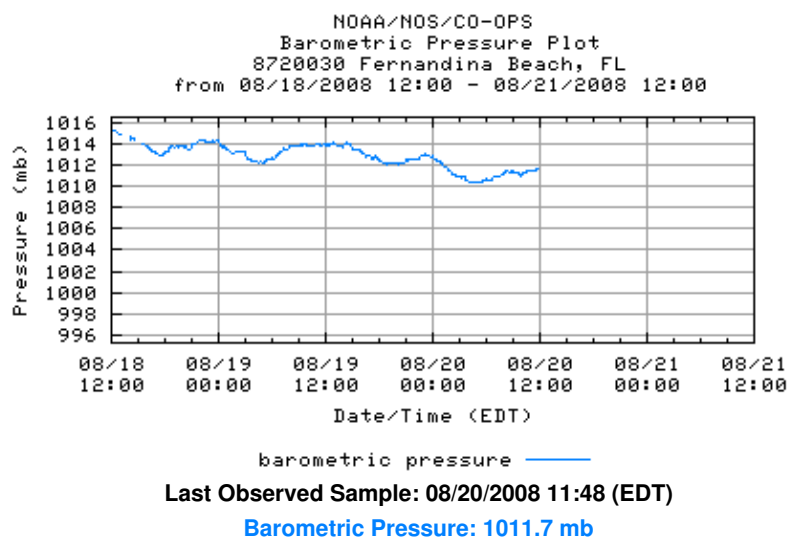
Last Observed Sample: 08/20/2008 11:48 (EDT)

Water Temperature: 78.1° F Air Temperature: 80.2° F

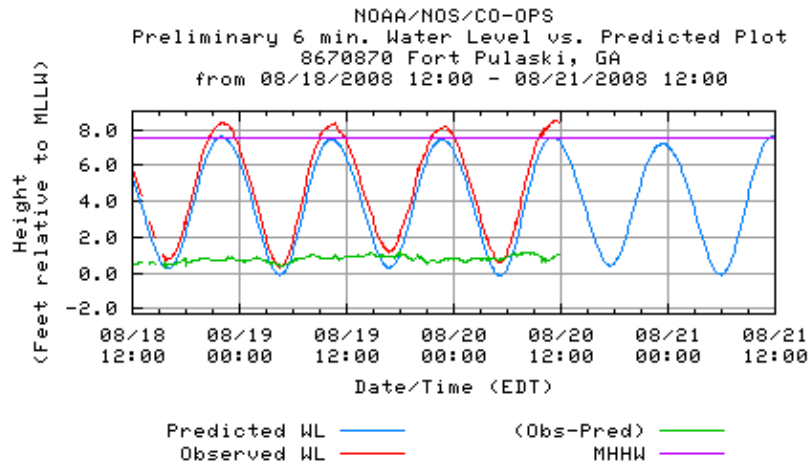
Fernandina Beach, FL - Station Map [Return to List](#)



Fernandina Beach, FL - Station Map [Return to List](#)



Fort Pulaski, GA - Station Map [Return to List](#)

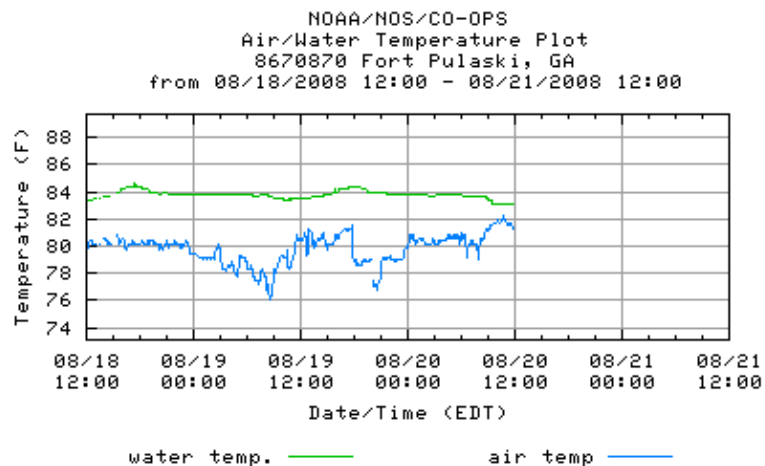


Last Observed Sample: 08/20/2008 11:42 (EDT)

Relative to **MLLW**: **Observed: 8.42 ft. Predicted: 7.42 ft. Residual: 1.00 ft.**

Historical Maximum Water Level: 10/15/1947, 3.4 ft. above **MHHW**

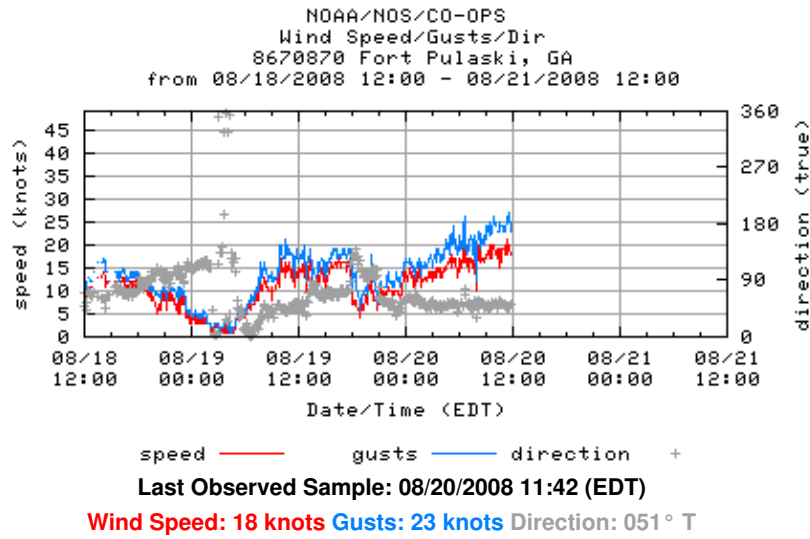
Fort Pulaski, GA - Station Map [Return to List](#)



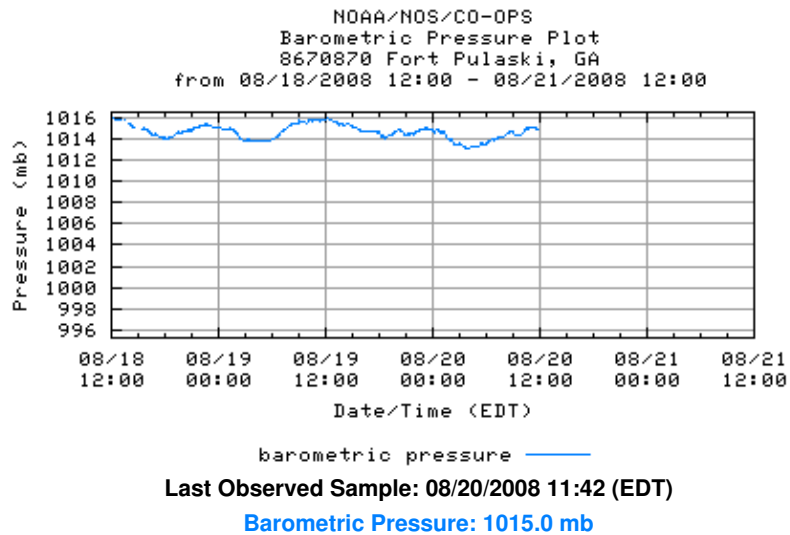
Last Observed Sample: 08/20/2008 11:42 (EDT)

Water Temperature: 83.1° F Air Temperature: 81.3° F

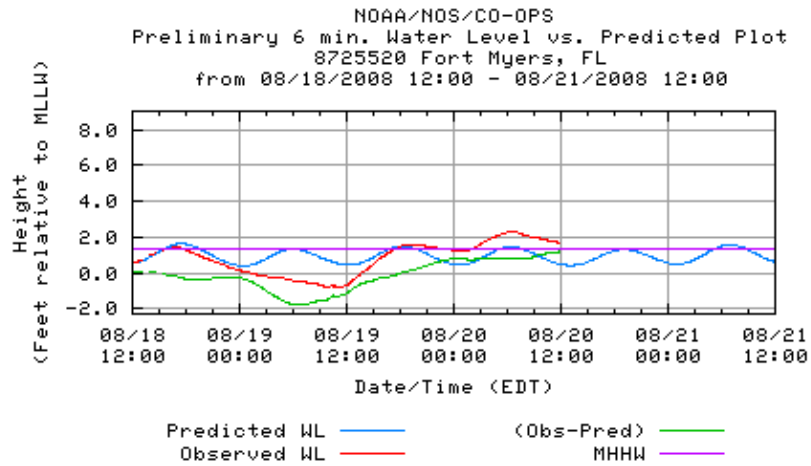
Fort Pulaski, GA - Station Map [Return to List](#)



Fort Pulaski, GA - Station Map [Return to List](#)



Fort Myers, FL - Station Map [Return to List](#)

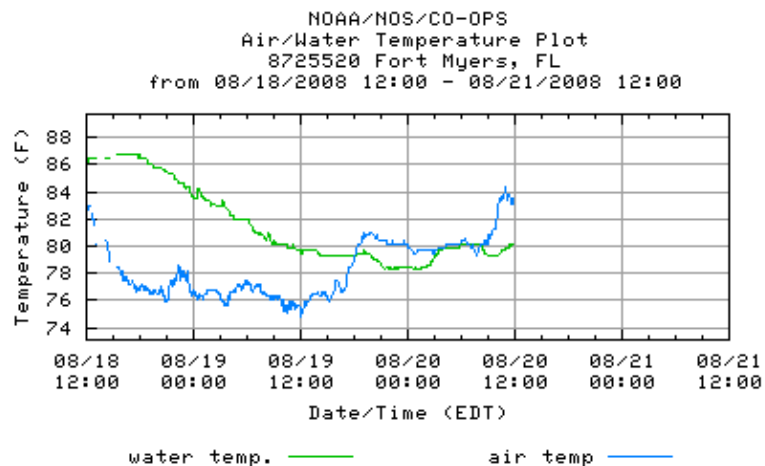


Last Observed Sample: 08/20/2008 11:48 (EDT)

Relative to **MLLW**: **Observed: 1.69 ft. Predicted: 0.51 ft. Residual: 1.18 ft.**

Historical Maximum Water Level: 11/23/1988, 3.41 ft. above **MHHW**

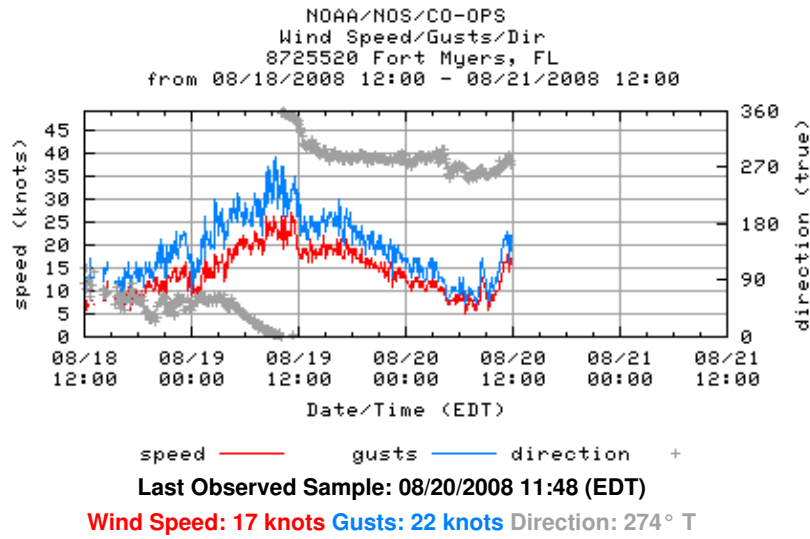
Fort Myers, FL - Station Map [Return to List](#)



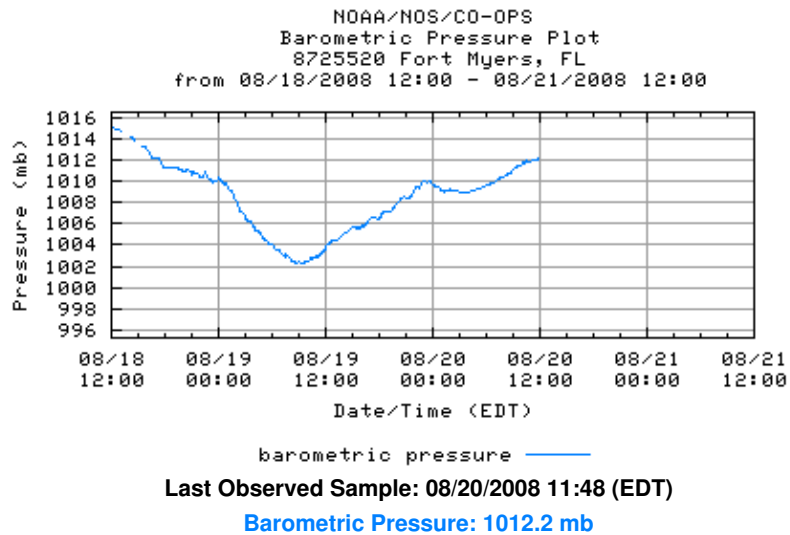
Last Observed Sample: 08/20/2008 11:48 (EDT)

Water Temperature: 80.1° F Air Temperature: 83.5° F

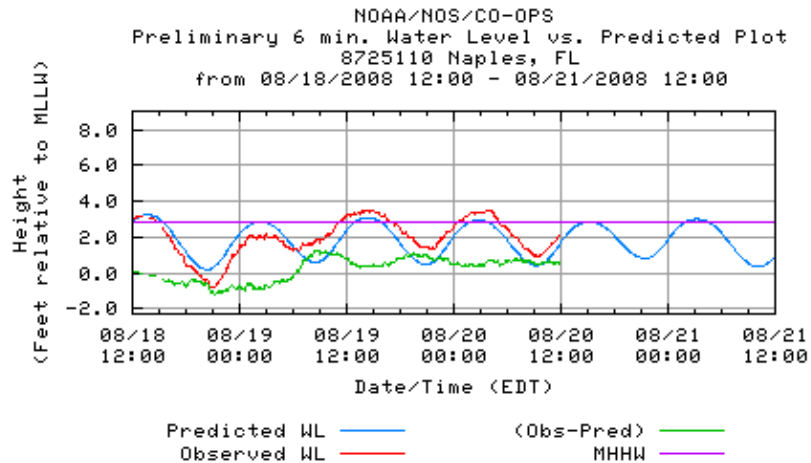
Fort Myers, FL - Station Map [Return to List](#)



Fort Myers, FL - Station Map [Return to List](#)



Naples, FL - Station Map [Return to List](#)

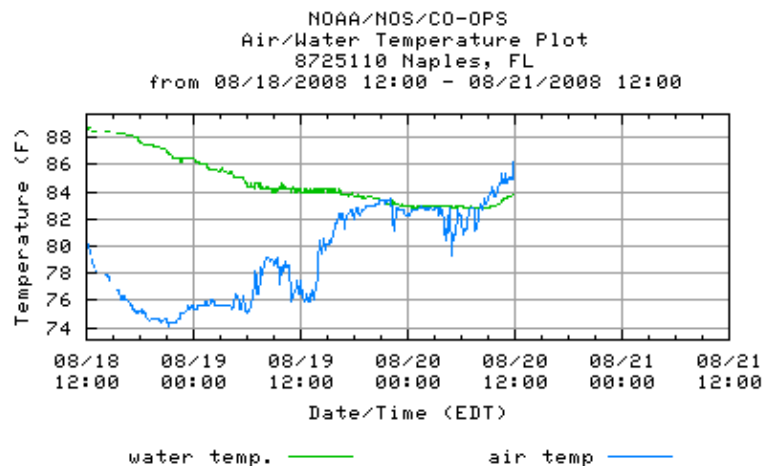


Last Observed Sample: 08/20/2008 11:48 (EDT)

Relative to **MLLW**: **Observed: 2.11 ft. Predicted: 1.56 ft. Residual: 0.55 ft.**

Historical Maximum Water Level: 12/21/1972, 3.11 ft. above **MHHW**

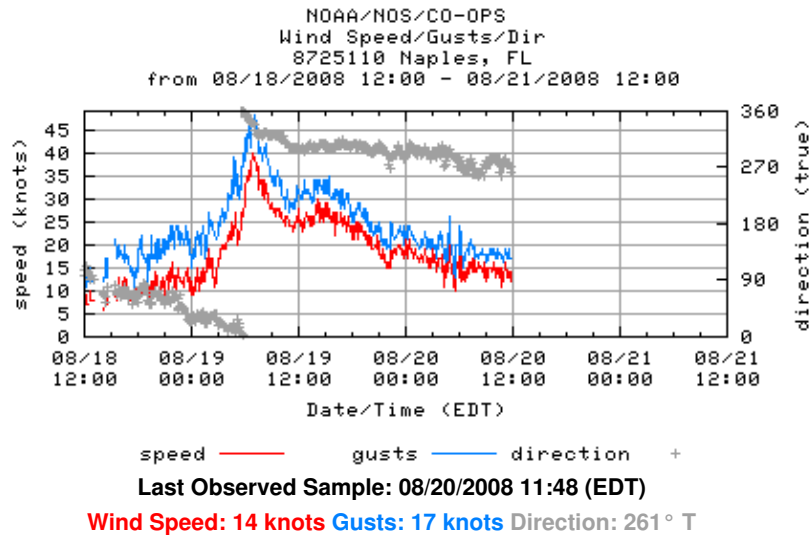
Naples, FL - Station Map [Return to List](#)



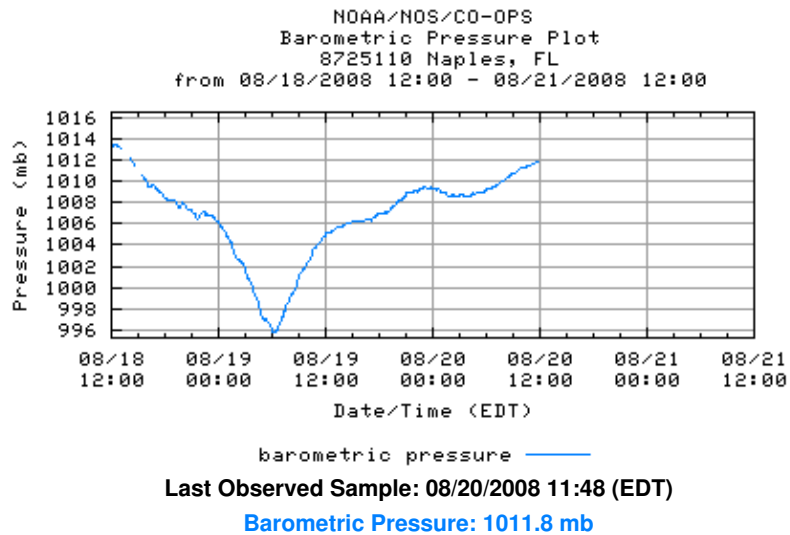
Last Observed Sample: 08/20/2008 11:48 (EDT)

Water Temperature: 83.8° F Air Temperature: 86.2° F

Naples, FL - Station Map [Return to List](#)



Naples, FL - Station Map [Return to List](#)



Tropical Storm FAY QuickLook, POSTED 12:00 EDT 08/20/2008

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce